



Line Office NESDIS OSD GSD - GOES Ground System OA Q2 FY09 Quarterly Report – April 28, 2009



Current Qtr Customer Business & Strategic Results

- Spacecraft Support Ground System (SSGS) market research of HW/SW. Reviewed proposed SSGS Project Plan with Chief, Ground System Division. OSO Point of Contact was identified.
- GOES Enterprise Managed Systems (GEMS) is an enterprise-wide expansion of the FY08 GIFTS technology transfer effort that provides an IT refresh and improves security.
 - Produced GEMS User's Guide and completed GEMS training at SOCC.
 - Ported RPM software to Solaris 10, mitigating a POAM.
- Nortel Government Solutions (NGS) contract extended through April 2009
- Completed GOES-O pre-launch testing activities.
- Pilot Enterprise Backup System (EBS) completed, installed, and demonstrated.



Next Qtr Customer Business & Strategic Results

- Operational Enterprise Backup System (EBS) planning meetings including review of proposed architecture, estimated HW/SW costs, and completion of SOW. Current plan is 8A award during this quarter.
- Complete GEMS hardware manual and GEMS Integration Level Testing (ILT).
- SSGS Refresh requirements and SOW being written. DOC contracting will order long lead items for the SSGS Refresh



Risks, Issues, and Innovations

- Instrument Processing Engineering Support (IPES) Phase II maintenance and GEMS contracts with Nortel –NGS are expiring. Working with DOC contracting office to issue a new IPES III contract which will include both efforts.
- GOES-O launch date 2-5 month delay results in the lack of GOES GS contractor support during the launch. Current resolution is to try to get the contractor as a sub-contractor on the OSO GS maintenance contract.
- Continuing Resolution (CR) restrictions caused postponement of GOES-GS FY09 second quarter planned expenditures.



Planned & Actual Expenditures (FY09)

Milestone	Cumulative Planned Cost FY09	Cumulative Actual Cost FY09	Variance
GEMS	\$428K	\$0K	N.A. due to CR.
Note: The Continuing Resolution (CR) from Congress restricted and postponed planned spending.	Cumulative planned cost FY06 through FY09 is \$2.1M		



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track

NOAA/NESDIS/OSD/GSD GOES Ground System

FY09 second quarter notes

- GOES Ground System (GS) FY09 Second Quarter (OA) Operational Analysis data is based on a summary of the GOES Ground System monthly and weekly briefings covering activities in January through March 2009.
- The GOES Enterprise Managed Systems (GEMS) task rehosted a portion of the Operational Ground Equipment (OGE) to an Opteron blade systems. It is the first step in a phased approach that will eventually encompass the entire GOES GS.
- The GOES NOP ground system modifications and testing for the launch of GOES O were completed including a Boeing run Launch and Orbit Raising (LOR) multi-day simulation.
 - In late April 2009 the GOES launch vehicle experienced problems and launch was deferred for a minimum of 2 months.